

Figure 1C

**Amino Acid Sequences of V<sub>l</sub> of Selected Anti-VEGF Antibodies**

SEQ ID NO: 1  
DIQMTQSPSSLSASVGDRVTITCSASQDISNYLNWYQQKPGKAPRVLIIYFTSSLHSGVPSRSFSGSGSGTDFLTISLQPEDFATYYCQQYSTVWPWTFGQGTTKVEIK

SEQ ID NO: 2  
DIELTQSPSSLSVSAAGDRVTTCSASQDISNYLNWYQQKPGKAPRVLIIYFTSSLHSGVPYRFSGSGSGTDFLTISLQPEDVAVYYCQQYSTVWPWTFGQGTTKVEIK

SEQ ID NO: 3  
DIELTQSPSSLSVTPGERATITCSASQDISNYLNWYQQKPGKAPQVLIYFTSSLHSGVPDFSGSGSGTDFLTISLQAEDFAIYYCQQYSTVWPWTFGQGTTKVEIK

SEQ ID NO: 4  
DIELTQSPSSLSVTPGERATITCSASQDISNYLNWYQQKPGQAPQLIYFTSSLHSGVPDFSGSGSGTDFLTISRLQAEDFVAVYYCQQYSTVWPWTFGQGTTKVEIK

SEQ ID NO: 5  
DIELMTQSPSSLSASLGERTVITCSASQDISNYLNWYQQKPGKAPHLLIYFTSSLHSGVPYRFSGSGSGTDFLTISLQPEDFVAVYYCQQYSTVWPWTFGQGTTKVEIK

SEQ ID NO: 6  
DIVMTQSPSSLSATPGERVTITCSASQDISNYLNWYQQKPGQAPSLIYFTSSLHSGVPDFSGSGSGTDFLTISRLQAEDFAIYYCQQYSTVWPWTFGQGTTKVEIK

SEQ ID NO: 7  
DIVMTQSPSSLSATPGERVTITCSASQDISNYLNWYQQKPGKAPSLIYFTSSLHSGVPSRFSGSGSGTDFLTISRLQAEDFVAVYYCQQYSTVWPWTFGQGTTKVEIK

SEQ ID NO: 8  
DIVLTQSPSSLSATPGDRVTTCSASQDISNYLNWYQQKPGQAPQLIYFTSSLHSGVPSRFSGSGSGTDFLTISLQAEDFVAVYYCQQYSTVWPWTFGQGTTKVEIK

SEQ ID NO: 9  
DIVLTQSPSSLSATPGERATITCSASQDISNYLNWYQQKPGKAPHLLIYFTSSLHSGVPYRFSGSGSGTDFLTISRLQAEDFAIYYCQQYSTVWPWTFGQGTTKVEIK

SEQ ID NO: 10  
DIELMTQSPSSLSATPGDRVTTITCSASQDISNYLNWYQQKPGKAPRVLIIYFTSSLHSGVPSRFSGSGSGTDFLTISRLQPEDFATYYCQQYSTVWPWTFGQGTTKVEIK

SEQ ID NO: 11  
DIELMTQSPSSLSATPGERVTITCSASQDISNYLNWYQQKPGKAPHLLIYFTSSLHSGVPDFSGSGSGTDFLTISRLQAEDFATYYCQQYSTVWPWTFGQGTTKVEIK

SEQ ID NO: 12  
DIELTQSPSSLSVTPGERVTITCSASQDISNYLNWYQQKPGKAPHVLIIYFTSSLHSGVPSRFSGSGSGTDFLTISRLQAEDFVAVYYCQQYSTVWPWTFGQGTTKVEIK

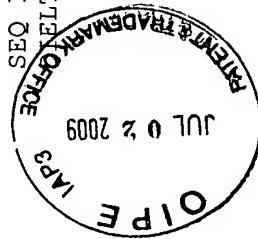


Figure 1C-cont.

SEQ ID NO: 13  
DIEMTQSPSSLASAVGDRVТИTCASAQDISNYLNWYQQKPGQAPRVLIIYFTSSLHSGVPDRFSGSGSGTDFTLTISLQAEDFAVYYCQQYSTVPWTFGGTCKVEIK

SEQ ID NO: 14  
DILQTQSPSSLASAGDRVТИCSASQDISNYLNWYQQKPGKAPQLLIYFTSSLHSGVPNSRFSGSGSGTDFTLTISLQPEDFAVYYCQQYSTVPWTFGGTCKVEIK

SEQ ID NO: 15  
DIVMTQSPSSLASASPGERATISCNASQSISIGTYLAWYQQKPGQAPQVLIYGASNLASGVPGRFSGSGSGTDFTLTISLQPEDFAVYYCQQYNSKPWTFGGGTCKVEIK

SEQ ID NO: 16  
DIVMTQSPSSLASASPGERATISCRASQSISSYLAWYQQKPGQAPQVLIYGASNLASGVPNRFSGSGSGTDFTLTISLQPEDFAVYYCQQYSSSPWTFGGGTCKVEIK

SEQ ID NO: 17  
DIVMTQSPSSLASASPGERATITCHASQSISIGTYLAWYQQKPGQAPPHVLIYGASNLASGVPNRFSGSRSGTDFTLTISLQPDDFAVYYCQQYNSTPWTFGGGTCKVEIK

SEQ ID NO: 18  
DIVMTQSPSSLASASPGERATITCHASQSISIYSTYLAWYQQKPGQAPQVLIYDASNLSASGVPGRFSGSGSGTDFTLTISLQPEDFAVYYCQQYNNSAPWTFGGGTCKVEIK

SEQ ID NO: 19  
DIVMTQSPSSLASASPGERATITCKASQSISIGTYLAWYQQKPGQAPRVLIIYDASNLSASGVPNRFSGSRSGTDFTLTISLQPEDFAVYYCQQYSSSTPYTFGGGTCKVEIK

SEQ ID NO: 20  
DIKMTQSPSSLASASPGERATISCKASQSISIGSYLAWYQQKPGQAPSVLIIYAAASNLSASGVPNRFSGSRSGTDFTLTISLQPEDFAVYYCQQYSGPWTFGGGTCKVEIK

SEQ ID NO: 21  
DIKMTQSPSSLASASPGERATITCNASQSISIYSTYLAWYQQKPGQAPKVLIYGASNLASGVPNRFSGSGSGTDFTLTISLQPEDFAVYYCQQYNNSAPWTFGGGTCKVEIK

SEQ ID NO: 22  
DIVMTQSPSTLSASASPGERATISCKASQSISIGSYLAWYQQKPGQAPRVLIIYSASNLSASGVPSRFSGSRSGTDFTLTISLQPEDFAVYYCQQYNSTPWTFGGGTCKVEIK

SEQ ID NO: 23  
DIVMTQSPSTLSASASPGERATISCKASQSISIGTYLAWYQQKPGQAPRVLIIYDASNLSASGVPNRFSGSRSGTDFTLTISLQPEDFAVYYCQQYYSTPWTFGGGTCKVAIK

SEQ ID NO: 24  
DIVMTQSPSTLSASASPGERATISCKASQSISIGTYLAWYQQKPGQAPRVLIIYSASNLSASGVPNRFSGSGSGTDFTLTISLQPEDFAVYYCQQYSSSTPWTFGGGTCKVEIK

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FIGURE 1C

Figure 1C-cont.

SEQ ID NO: 25  
DIVMTQSPSTLSASPGERATITCHASQSISSTYLA  
WYQQKPGQAPNVLIY  
GASN  
LASSGV  
PDRFGSGRS  
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DIVMTQSPSTLSASPGERATITCHASQSISSTYLA  
WYQQKPGQAPRVL  
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GASN  
LASSGV  
PDRFGSGRS  
GTDF  
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SEQ ID NO: 27  
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ASQSISSTYLA  
WYQQKPGQAPV  
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DIVMTQSPSTLSASPGERATITCN  
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SEQ ID NO: 32  
DIVMTQSPSTLSASPGERATITC  
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DIVMTQSFSTLSASPGERATITCR  
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ASQSISSTYLA  
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AIRMTQSPSSVSASVG  
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SEQ ID NO: 37  
DIVMTQTPSSLASAVG  
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Figure 1C-cont.

SEQ ID NO: 38  
EIVLTQSPSSLSASVGDRTITCRASRDIRDDLAWYQQIPGKAPKLLIYAASRLQSGVPSRFSGSGSGTDFTLTISSILQPEDFAAAYCQQSYSYSPWTFGQGTTKVDIK

SEQ ID NO: 39  
EIVLTQSPSSLSASVGDRTITCRASRDIRDDLAWYQQKPGKAPKVLIIYAASSLQSGVPSRFSGSGSGTDFTLTISSILQPEDFAATYYCQQSYSYSPWTFGQGTTKLEIK

SEQ ID NO: 40  
EIVMTQSPSSLSASVGDRTITCRASQSIYSTYINWYQQKPGKAPKLLIYAASSLQSGVTSRFSGSGSGTDFTLTISSILQPEDFAATYYCQQSYSYSPWTFGQGTTKVEIK

SEQ ID NO: 41  
EIVMTQSPSSLSASVGDRTITCRASQDIRKDLAWYQQKPGKAPNLIIYAASRLQSGVPSRFSGSGSGTDFTLTISSILQPEDFAATYYCQQSYSYSPWTFGQGTTKLEIK

SEQ ID NO: 42  
EIVMTQSPSSLSASVGDRTITCRASQSIYSTYINWYQQKPGKAPKLLIYAASSTLQSGVTSRFSGSGSGTDFTLTISSILQPEDFAATYYCQQSYSYSPWTFGQGTTKVEIK

SEQ ID NO: 43  
EIVMTQSPSSLSASVGDRTITCRASQDIRKDLAWYQQKPGKAPNLIIYAASRLQSGVPSRFSGSGSGTDFTLTISSILQPEDFAATYYCQQSYSYSPWTFGQGTTKLEIK

SEQ ID NO: 44  
EIVMTQSPSSLSASVGDRTVTIACRASRDIRNDLAWYQQKPGKAPKLLIYAASRLQSGVPSRFSGSGSGTDFALTISILQPEDSASYCQQSYTIPWTFGQGTTKLEIK

SEQ ID NO: 45  
ETTLTQSPSSLSASVGDTTISCRSSQPTNDLAWYQQKPGKAPNLIIYAASRLQGGVPSRFSGSGSGTDFTLTISSILQPEDFAATYYCQQSYSYSPWTFGQGTTKVEIK

SEQ ID NO: 46  
LPVLTQPPSASGTPGQRVTISCSGSTSNIGSNPVPNWWQLPGTAPKLLIYNNQRPSGVPDFSGSKSGTSASLAISGLLSEADYYCASWDDSLTGYVFGTGTQLTVL

SEQ ID NO: 47  
LPVLTQPPSASGTPGQRVTISCSGSTSNIGSNPVPNWWQLPGTAPKVLMYNNQRPSGVPDFSGSKSGTSASLAISGLRSEADYYCAAWDDSLNNGYVFGTGTQLTVL

SEQ ID NO: 48  
NFMLTQPPSTSCTGTPGOSVTISCSGSTSNIGSNPVPNWWQLPGTAPKVLMYNNQRPSGVPERFSGSKSGTSASLAISGLSLOSEDEADYYCAAWDDSSLNGYVFGTGTQLTVL

SEQ ID NO: 49  
QAVLTQPPSTSCTGTPGOSVTISCSGSTSNIGSNPVPNWWQLPGTAPKVLITYGNDQRPSGVPDFSGSRSATASLAISGLSLOSEDEADYYCAAWDDSSLNGYVFGTGTQLTVL

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FIGURE 1C

Figure 1C-cont.

SEQ ID NO: 50  
QPVLTOPPSASATPGQRTVISCGSSSNIGSNPVPNVYQLPGTAPKVLIVNNQRPSGVPDFSGSKSGTSASLAISCLOSEDEADYYCAAWDDSLSGYVFGTGTKL  
TVL

SEQ ID NO: 51  
QPVLTOPPSASGTPGQRTVISCGSSSNVGRTNTVNWYQQFPGTAPKFLMYGNDERPSSGVPERFSGSKSGTSASLAISCLOSEDEADYYCATWDDSLNGYVFGTGTKL  
TVL

SEQ ID NO: 52  
QPVLTOPPSASGTPGQRTVISCGSSSNIGNSNSVTWYQLPGTAPKVLIVNNQRPSGVPERFSGSKSGTSASLAISCLOSEDEADYYCGAWDDSLNGYVFGTGTKL  
TVL

SEQ ID NO: 53  
QSVLTOPPSASGTPGQRTVISCGSNSNIIGSNVYVYQQFPGTAPKVLIVGNNQRPSGVPDFSGSKSGTSASLAISCLOSEDEADYYCAAWDDSLNGYVFGTGTKL  
TVL

SEQ ID NO: 54  
OSALTOPPSVSGAPGQRTVISCTGRSSNIAGHDVHWYQOLPGTAPKLLIYANDQRPSSGVPDFSDSKSGTSASLGISGLRSEDEADYFCATWDDSLHGYVFGTGTKL  
VTVL

SEQ ID NO: 284  
DIQMTOITSSLSASLIGDRVIIISCSASQDISNYLNWYQQKPDGTVKVLIYFTSSILHSGVPSRFSGSGSGTDYSLTISNLEPEDIATYYCQQYSTVWPWTFGGGTKLEIK

Figure 1C-cont.

**Amino Acid Sequences of V<sub>l</sub>/CDR1 of Selected Anti-VEGF Antibodies**

SEQ	ID NO: 164	NASQSIGTYLA
SEQ	ID NO: 165	KASQSIGTYLA
SEQ	ID NO: 166	HASQSISSYLA
SEQ	ID NO: 167	SASQSISSTYLA
SEQ	ID NO: 168	RASQSISSTYLA
SEQ	ID NO: 169	KASQSIGSYLA
SEQ	ID NO: 170	HASQSISSTYLA
SEQ	ID NO: 171	RASQSISSTYLA
SEQ	ID NO: 172	NASQSIGSYLA
SEQ	ID NO: 173	SASQSIGTYLA
SEQ	ID NO: 174	KASQSISSTYLA
SEQ	ID NO: 175	NASQSISSTYLA
SEQ	ID NO: 176	HASQSISSTYLA
SEQ	ID NO: 177	QASQSISSTYLA
SEQ	ID NO: 178	RASQSISSTYIN
SEQ	ID NO: 179	RASRDIRNDLA
SEQ	ID NO: 180	RASQDIRKDLA
SEQ	ID NO: 181	RASQAIRNDLT
SEQ	ID NO: 182	RASQAIYDYL
SEQ	ID NO: 183	RSSQOPITNDLA
SEQ	ID NO: 184	RASRDIRDILA
SEQ	ID NO: 185	SGSSSSNVGRNTVN
SEQ	ID NO: 186	SGSTSNIIGSNPVN
SEQ	ID NO: 187	TGRSSNIGAGHDVH
SEQ	ID NO: 188	SGSNSNIGSNNNVY
SEQ	ID NO: 189	SGSYSNIGSNNAVN
SEQ	ID NO: 190	SGTTSNIGSNSVN
SEQ	ID NO: 191	SGSSSNIGSNNSVT
SEQ	ID NO: 192	SGSTSNIIGSNNSVT
SEQ	ID NO: 193	SGSSSNIGSNNPVN
SEQ	ID NO: 194	SGSSSNIGSNPVN

Figure 1C-cont.

**Amino Acid Sequences of V<sub>L</sub>/CDR2 of Selected Anti-VEGF Antibodies**

SEQ	ID NO: 195	GASNLAS
SEQ	ID NO: 196	DASNLAS
SEQ	ID NO: 197	SASNLAS
SEQ	ID NO: 204	AASNLAS
SEQ	ID NO: 198	AASSLQS
SEQ	ID NO: 199	AASRLQS
SEQ	ID NO: 200	AASTLQS
SEQ	ID NO: 201	GATTLQS
SEQ	ID NO: 202	AASRLQG
SEQ	ID NO: 203	GNDERPS
SEQ	ID NO: 205	ANDQRPS
SEQ	ID NO: 206	GNNQRPS
SEQ	ID NO: 207	TNNQRPS
SEQ	ID NO: 208	GNDQRPS
SEQ	ID NO: 209	SNNQRPS

**Amino Acid Sequences of V<sub>L</sub>/CDR3 of Selected Anti-VEGF Antibodies**

SEQ	ID NO: 210	QQYNNSKPWT
SEQ	ID NO: 211	QQYSSTPYT
SEQ	ID NO: 212	QQYNSTPWT
SEQ	ID NO: 213	QQYYSTPWT
SEQ	ID NO: 214	QQYN SAPWT
SEQ	ID NO: 215	QQYSSSPWT
SEQ	ID NO: 216	QQYSGPWT
SEQ	ID NO: 217	QQYSSTPWT
SEQ	ID NO: 218	QQYY SAPWT
SEQ	ID NO: 219	QQYSSTPWT
SEQ	ID NO: 220	QQYSPPWT
SEQ	ID NO: 221	QQSYTIPWT
SEQ	ID NO: 222	QQSSSTTPWT
SEQ	ID NO: 223	ATWDDDSLNGYV
SEQ	ID NO: 224	ASWDDDSL TGYY
SEQ	ID NO: 225	ATWDDDSLHGYV
SEQ	ID NO: 226	GAWDDDSLNGYY
SEQ	ID NO: 227	AAWDDDSLNGYY
SEQ	ID NO: 228	AAWDDDSL SGYV

Figure 1C-cont.

**Amino Acid Sequences of V<sub>I</sub>/FRs of Selected Anti-VEGF Antibodies**

SEQ ID NOS 229 and 351-353  
DIVMTQSPSSLASAPGERATISC/CDR1/WYQQKPGQAPQVLIY/CDR2/GVPGRFSGSGSGTDFTLTISSLQPEDFAVYYC/CDR3/FGGGTKEIK

SEQ ID NOS 230, 354-355 and 353  
DIVMTQSPSSLASAPGERATITC/CDR1/WYQQKPGQAPRVLIY/CDR2/GVPNRFGSGRSRGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKEIK

SEQ ID NOS 231, 356-357 and 353  
DIVMTQSPSTLSASAPGERATITC/CDR1/WYQQKPGQAPNVLIY/CDR2/GVPDRFSGSRSGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKEIK

SEQ ID NOS 232, 351, 355 and 353  
DIVMTQSPSTLSASAPGERATITC/CDR1/WYQQKPGQAPRLIIY/CDR2/GVPNRFGSGRSRGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKEIK

SEQ ID NOS 233, 355, 353 and 353  
DIVMTQSPSTLSASAPGERATISC/CDR1/WYQQKPGQAPRVLIY/CDR2/GVPNRFGSGRSRGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKEIK

SEQ ID NOS 234, 354, 359 and 353  
DIVMTQSPSTLSASAPGERATISC/CDR1/WYQQKPGQAPRVLIY/CDR2/GVPNSRFSGSGSGTDFTLTISSLQPEDFAVYYC/CDR3/FGGGTKEIK

SEQ ID NOS 235, 354, 360 and 353  
DIVMTQSPSTLSASAPGERATITC/CDR1/WYQQKPGQAPRVLIY/CDR2/GVPNRFGSGSGSGTDFTLTISSLQPEDFAVYYC/CDR3/FGGGTKEIK

SEQ ID NOS 236, 351, 360 and 353  
DIVMTQSPSTLSASAPGERATISC/CDR1/WYQQKPGQAPVLIY/CDR2/GVPNRFGSGSGSGTDFTLTISSLQPEDFAVYYC/CDR3/FGGGTKEIK

SEQ ID NOS 237, 361, 359 and 362  
DIVMTQSPSTLSASAPGERATITC/CDR1/WYQQKPGQAPVLIY/CDR2/GVPNSRFSGSRSGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKEIK

SEQ ID NOS 238, 363, 355 and 353  
DIKMTQSPSSLASAPGERATISC/CDR1/WYQQKPGQAPSVLIIY/CDR2/GVPNRFGSGRSRGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKEIK

SEQ ID NOS 239, 363-364 and 353  
DIVMTQSPSTLSASAPGERATITC/CDR1/WYQQKPGQAPSVLIIY/CDR2/GVPGRFSGSGSGTDFTLTISSLQAEDFAVYYC/CDR3/FGGGTKEIK

SEQ ID NOS 240 and 351-353  
DIVMTQSPSSLASAPGERATITC/CDR1/WYQQKPGQAPQVLIY/CDR2/GVPGRFSGSGSGTDFTLTISSLQPEDFAVYYC/CDR3/FGGGTKEIK

Figure 1C-cont.

SEQ ID NOS 241, 351, 360 and 353  
DIVMTQSPSTLSASPGERATITC/CDR1/WYQQKPPQAPQVLIY/CDR2/GVPNRFGSGSGTDFLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 242, 354, 360 and 353  
DIVMTQSPSTLSASPGERATIS/CDR1/WYQQKPGQAPRVLIY/CDR2/GVPNRFGSGSGTDFLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 243, 354, 365 and 353  
DIVMTQSPSTLSASPGERATITC/CDR1/WYQQKPGQAPRVLIY/CDR2/GVPSRFGSGSGTDFLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 244, 366-367 and 353  
DIVMTQSPSTLSASPGERATITC/CDR1/WYQQKPPQAPNLLIY/CDR2/GVPGRFGSGRSRGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 245, 368-369 and 353  
DIVMTQSPSSLASPGERATITC/CDR1/WYQQKPGQAPRVLIY/CDR2/GVPNRFGSGRSRGTDFTLTISLQPDDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 246, 354-355 and 370  
DIVMTQSPSSLASPGERATIS/CDR1/WYQQKPGQAPRVLIY/CDR2/GVPNRFGSGRSRGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVAIK

SEQ ID NOS 247, 361 and 352-353  
DIVMTQSPSTLSASPGERATITC/CDR1/WYQQKPGQAPKVLIY/CDR2/GVPGRFGSGSGTDFLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 248, 356, 359 and 353  
DIVMTQSPSTLSASPGERATITC/CDR1/WYQQKPGQAPNVLIY/CDR2/GVPSRFGSGSGTDFLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 249, 361, 360 and 353  
DIKMTQSPSSLASAVGDRVTITC/CDR1/WYQQKPGQAPKVLIY/CDR2/GVPNRFGSGSGTDFLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 250 and 371-373  
EIVMTQSPSSLASAVGDRVTITC/CDR1/WYQQKPGKAPKLLIY/CDR2/GVTSRFGSGSGTDFLTIRSLQPEDFAVYYC/CDR3/FGQGTVDIK

SEQ ID NOS 251 and 374-376  
DIVMTQTPSSLASAVGDTVTITC/CDR1/WYQQKPGKAPELLIY/CDR2/GVPSRFGSGSGTDFLTISLQPEDFAVYYC/CDR3/FGQGTVDIK

SEQ ID NOS 252, 377-378 and 376  
EIVLTQSPSSLASASIGDRVAITC/CDR1/WYQQQIPGKAPKLLIY/CDR2/GVPSRFGSGSGTDFLTISLQPEDFAAAYYC/CDR3/FGQGTVDIK

SEQ ID NOS 253 and 371-373  
EIVLTQSBSSLASAVGDRVTITC/CDR1/WYQQKPGKAPKLLIY/CDR2/GVTSRFGSGSGTDFLTIRSLQPEDFAATYYC/CDR3/FGQGTVDIK

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FIGURE 1C

Figure 1C-cont.

SEQ ID NOS 254, 379, 375 and 380  
EIVMTQSPSSLSASVGDRTVTITC/CDR1/WYQQKPGIAPKVLIY/CDR2/GVPDSRFSGSGSGTDFTLTISSLQPEDFATYYC/CDR3/FGQGTTKLEIK

SEQ ID NOS 255, 371, 381 and 380  
EIVMTQSPSSLSASVGDRTVTIAC/CDR1/WYQQKPGKAPKLIIY/CDR2/GVPDSRFSGSGSGTDFALTISLQPEDSASAYYC/CDR3/FGQGTTKLEIK

SEQ ID NOS 256, 382 and 375-376  
AIRMTQSPSSVSASVGDRTVTIAC/CDR1/WYQQKPGTAPKLIIY/CDR2/GVPDSRFSGSGSGTDFLTISLQPEDFATYYC/CDR3/FGQGTTKVDIK

SEQ ID NOS 257, 383 and 375-376  
EIVMTQSPSSLSASVGDRTVTITC/CDR1/WYQQKPGKAPNLIIY/CDR2/GVPDSRFSGSGSGTDFLTISLQPEDFATYYC/CDR3/FGQGTTKVDIK

SEQ ID NOS 258, 383, 375 and 373  
ETTLTQSPSSLSASVGDRTITSC/CDR1/WYQQKPGKAPKVLIY/CDR2/GVPDSRFSGSGSGTDFLTISLQPEDFATYYC/CDR3/FGQGTTKVEIK

SEQ ID NOS 259, 384, 375 and 380  
EIVLTQSPSSLSASVGDRTITC/CDR1/WYQQKPGKAPKVLIY/CDR2/GVPDSRFSGSGSGTDFLTISLQPEDFATYYC/CDR3/FGQGTTKLEIK

SEQ ID NOS 260, 385, 375 and 373  
DIQITQSPSSLSASAGDRVTISC/CDR1/WYQQKPGKAPQLIIY/CDR2/GVPDSRFSGSGSGTDFLTISLQPEDFATYYC/CDR3/FGQGTTKVEIK

SEQ ID NOS 261 and 386-388  
QPVLTQPPSASGTPGQRVTISC/CDR1/WYQQFPGTAPKFLMY/CDR2/GVPDRFSGSKSGTSASLAISGLQSEDEADYYC/CDR3/FGTGTQLTVL

SEQ ID NOS 262, 389-390 and 388  
LPVLTQPPSASGTPGQRVTISC/CDR1/WYQQLPGTAPKLIIY/CDR2/GVPDRFSDSKSGTSASLAISGLLSEDEADYFC/CDR3/FGTGTQLTVL

SEQ ID NOS 263, 389 and 391-392  
QSALTQPPPSVGTPGQRVTISC/CDR1/WYQQLPGTAPKLIY/CDR2/GVPDRFSGSKSGTSASLAISGLQSEDEADYYC/CDR3/FGTGTQLTVL

SEQ ID NOS 264, 393, 387 and 394  
QSVLTQPPPSASGTPGQRVTISC/CDR1/WYQQFPGTAPKVLIIY/CDR2/GVPDRFSGSKSGTSASLAISGLQSEDEADYYC/CDR3/FGTGTQLTVL

SEQ ID NOS 265, 395-396 and 394  
LPVLTQPPPSASGTPGQRVTISC/CDR1/WYQQLPGAAPKVLMY/CDR2/GVPDRFSGSKSGTSASLAISGLRSEDEADYYC/CDR3/FGTGTQLTVL

SEQ ID NOS 266 and 397-399  
QAVLTQPPPSASGTPGQSVTISC/CDR1/WYQQLPGTAPKVLIIY/CDR2/GVPDRFSGSRSATSLAISGLQSEDEADYYC/CDR3/FGAGTQLTVL

Figure 1C-cont.

SEQ ID NOS 267, 400-401 and 394  
QPVLTQPPSTSGBTGQRVTIS/C/CDR1/WYQQLPGTAPKVLMY/CDR2/GVPERFSGSKSGTSSASLAISGLQSEDEADYYC/CDR3/FGTGTTKLTVL

SEQ ID NOS 268, 400-401 and 394  
NFMLTQPPSTSGBTGQRVTIS/C/CDR1/WYQQLPGTAPKVLMY/CDR2/GVPERFSGSKSGTSSASLAISGLQSEDEADYYC/CDR3/FGTGTTKLTVL

SEQ ID NOS 269, 397, 387 and 394  
QPVLTQPPSASATPGQRVTIS/C/CDR1/WYQQLPGTAPKVLIIY/CDR2/GVPDRFSGSKSGTSSASLAISGLQSEDEADYYC/CDR3/FGTGTTKLTVL

Figure 1D

**Amino Acid Sequences of V<sub>H</sub> of Selected Anti-VEGF Antibodies**

SEQ ID NO : 55  
 EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNNSLRAEDTAVYYCAKYPHYYGSSH  
 WYFDVWGGQGTLLVTVSS

SEQ ID NO : 56  
 EVQLVESGGGVQPGGSLRLSCAASGYDFTHYGMNNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNNSLRAEDTAVYYCAKYPHYYGSSH  
 WYFDVWGGQGTLLVTVSS

SEQ ID NO : 57  
 EGQLVQSGGGVVQPGGSLRLSCAASGYTFTNYGMNNWIRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNNSLRAEDTAVYYCAKYPHYYGSSH  
 WYFDVWGGQGTLLVTVSS

SEQ ID NO : 58  
 EVQLVESGGGVQPGGSLRLSCAASGYTFTNYGMNNWIRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKNTAYLQMNNSLRAEDTAVYYCAKYPHYYGSSH  
 WYFDVWQAQGTLLVTVSS

SEQ ID NO : 59  
 EVQLVQSGGGGVQPGGSLRLSCAASGYTFTNYGMNNWIRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNNSLRAEDTAVYYCAKYPHYYGSSH  
 WYFDVWGGQGTLLVTVSS

SEQ ID NO : 60  
 EVQLVQSGGGVVQPGGSLRLSCAASGYDFTNYGMNNWIRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNNSLRAEDTAVYYCAKYPHYYGSSH  
 WYFDVWGGQGTLLVTVSS

SEQ ID NO : 61  
 EVQLVQSGGGVVQPGGSLRLSCAASGYDFDTNYGMNNWIRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNNSLRAEDTAVYYCAKYPHYYGSSH  
 WYFDVWGGQGTLLVTVSS

SEQ ID NO : 62  
 EVQLVQSGGGVVQPGGSLRLSCAASGYALDHFGLNWIRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNNSLRAEDTAVYYCAKYPHYYGSSH  
 WYFDVWGGQGTLLVTVSS

SEQ ID NO : 63  
 EVQLVQSGGGVVQPGGSLRLSCAASGYDFNYGINWVRQAPGKGLEWVGWINTYTGEPTYAHEFTRRVTFSLDTSKSTAYLQMNNSLRAEDTAVYYCAKYPHYYGSSH  
 WYFDVWGGQGTLLVTVSS



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FIGURE 1D

Figure 1D-cont.

SEQ ID NO : 64  
EVQLVQSGGGVVQPGGSLRLSCAASGYSLDHYGMNWVRQAPGKGLEWVGWINITYTGEPTYAADFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPHYYGSSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 65  
EVQLVQSGGGVVQPGGSLRLSCAASGYTFTNYGMNWIRQAPGKGLEWVGWINITYTGEPTYAADFKRRFTFSLDSKNTAYLQLNSLRAEDTAVYYCAKYPHYYGSSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 66  
EVQLVQSGGGVVQPGGSLRLSCAASGYTFTNYGMNWIRQAPGKGLEWVGWINITYTGEPTYAADFKRRFTISLDNSKSTAYLQLNSLRAEDTAVYYCAKYPHYYGSSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 67  
EVQLVQSGGGVVQPGGSLRLSCAASGYTFTNYGMNWIRQAPGKGLEWVGWINITYTGEPTYAADFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPHYYGSSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 68  
EVQLVQSGGGVVQPGGSLRLSCAASGYTFTNYGMNWIRQAPGKGLEWVGWINITYTGEPTYAADFKRRFTFSLNTSKSTAYLQLNSLRAEDTAVYYCAKYPHYYGSSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 69  
EVQLVQSGGGVVQPGGSLRLSCAASGYTFTNYGMNWIRQAPGKGLEWVGWINITYTGEPTYAADFKRRFTFSLDTSKNTAYLQLNSLRAEDTAVYYCAKYPHYYGSSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 70  
EVQLVQSGGGVVQPGGSLRLSCAASGYTFTNYGMNWIRQAPGKGLEWVGWINITYTGEPTYAADFKRRFTFSLDSKSTAYLQLNSLRAEDTAVYYCAKYPHYYGSSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 71  
EVQLVQSGGGVVQPGGSLRLTCAVSGYTFTNYGMNWIRQAPGKGLEWVGWINITYTGEPTYAADFKRRFTFSLDNSKSTAYLQLNSLRAEDTAVYYCARYPHYYGSSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 72  
EVQLVQSGGGVVQPGGSLRLTCAVSGYTFTNYGMNWIRQAPGKGLEWVGWINITYTGEPTYAADFKRRFTISRDTSKNQAYLQMNSLRAEDTAVYYCAKYPHYYGSSH  
WYFDVWGGQGTLLTVVSS

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FIGURE 1D

Figure 1D-cont.

SEQ ID NO : 73  
EVQLVQSGGGVVQPGGTLRLSCAASGYTFTNYGMNWIRQAPGKGLEWVGWINITYGEPTYAADEFKRRVTFSLDTSKSTAYLQLNSLRAEDTA  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 74  
EVQLVQSGGGVVQPGGTLRLTCAAASGYTFTNYGMNWIRQAPGKGLEWVGWINITYGEPTYAADEFKRRVTFSLDTSKSTAYLQMNSLRAEDTA  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 75  
EVQLVQSGGGVVQPGGTLRLTCAAASGYTFTNYGMNWIRQAPGKGLEWVGWINITYGEPTYAADEFKRRVTFSLDTSKSTAYLQMNSLRAEDTA  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 76  
EVQLVQSGGGVVQPGGSLRLLTCAAASGYTFTNYGMNWIRQAPGKGLEWVGWINITYGEPTYAADEFKRRVTISLDTSKSTVYLQMNSLRAEDTA  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 77  
QVQLVESGGGLVQPGGSLRLLTCAVSGYTFTNYGMNWIRQAPGKGLEWVGWINITYGAPTYAADEFKRRVTFSLDTSKSKAYLQLNSLRAEDTA  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 78  
QVQLVQSGGGLVQPGGTLRLTCAAASGYTFTNYGMNWIRQAPGKGLEWVGWINITYGEPTYAADEFKRRVTISLDTSKKNPPYLQMNSLRAEDTA  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 79  
QVQLVQSGGGVVQPGGSLRLLSCAASGYTFTNYGMNWIRQAPGKGLEWVGWINITYGEPTYAADEFKRRVTISLDTSKNTAYLQLNSLRAEDTA  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 80  
QVOLVQSGGGVVQPGGSLRLLTCAAASGYTFTNYGMNWIRQAPGKGLEWVGWINITYGEPTYAADEFKRRVTISLDTSKSTVYLQMNSLRAEDTA  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 81  
QVQLVQSGGGVVQPGGSLRLLTCAAASGYTFTNYGMNWIRQAPGKGLEWVGWINITYGEPTYAADEFKRRVTISLDTSKSQAYLQMNSLRAEDTA  
WYFDVWGGQGTLLTVVSS

SEQ ID NO : 82  
QVQLVQSGGGVVQPGGSLRLLTCAAASGYTFTNYGMNWIRQAPGKGLEWVGWINITYGEPTYAADEFKRRVTISLDTSKSTAYLQLNSLRAEDTA  
WYFDVWGGQGTLLTVVSS

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FIGURE 1D

Figure 1D-cont.

SEQ ID NO: 83  
QVQLVQSGGGVVQPGGSLRLTCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKKRRTISLDTSKSQAYLQMNSLRaedtavvycakyphyggssh  
WYFDVWGGQGTlvtvss

SEQ ID NO: 84  
QVQLVQSGGGVVQPGGTLRLTCAASGYTFTNYGMNWIRQAPGKGLEWVGWINTYTGEPTYAADFKKRRTFSLDTSKNTAYLQMNSLRaedtavvycakyphyggssh  
WYFDVWGGQGTlvtvss

SEQ ID NO: 85  
EVQLVQSGGGVVQPGGSLRLSCAASGYTFTHYGLNWLROAPGKGPEWVGWNTYTGETTYADEFKRRVTFSLDTSKSTAYLQLNSSLRAEDTAVVYCAKYPHYGGSSH  
YFDVWGGQGTlvtvss

SEQ ID NO: 86  
EVQLVQSGGGVVQPGGSLRLSCAASGYDFAHYGLNWIRQAPGKGPEWVGWNTNNGEPTYAQDFKKRRTFSLDTSKSTAYLQLNSSLRAEDTAVVYCAKYPHYGGSSH  
WYFDVWGGQGTlvtvss

SEQ ID NO: 87  
EVQLVQSGGGVVQPGGSLRLSCAASGYDFAHYGVNLWIRQAPGKGLEWVGWNTYTGESTYVPEFKRRVTFSLDTSKSTAYLQLNSSLRAEDTAVVYCAKYPHYGGSSH  
WYFDVWGGQGTlvtvss

SEQ ID NO: 88  
EVOLVQSGGGVVQPGGSLRLSCAASGYDFAHYGVNLWIRQAPGKGLEWVGWINTYTGETTYAHDEKKRRTFSLDTSKSTAYLQLNSSLRAEDTAVVYCAKYPHYGGSSH  
WYFDVWGGQGTlvtvss

SEQ ID NO: 89  
EVQLVQSGGGVVQPGGSLRLSCAASGYDFASEGINWIRQAPGKGLEWVGWNTYTGESTYAQDEKKRRTFSLDTSKSTAYLQLNSSLRAEDTAVVYCAKYPHYGGSSH  
WYFDVWGGQGTlvtvss

SEQ ID NO: 90  
EVQLVQSGGGVVQPGGSLRLSCAASGYDEFDHFGINWIRQAPGKGPEWVGWNTYTGEPTYVDEFKRRVTFSLDTSKSTAYLQLNSSLRAEDTAVVYCAKYPHYGGSSH  
WYFDVWGGQGTlvtvss

SEQ ID NO: 91  
EVQLVQSGGGVVQPGGSLRLSCAASGYDENNYGMNWIRQAPGKGPEWVGWINTYNGEPTYAPDEKKRRTFSLDTSKSTAYLQLNSSLRAEDTAVVYCAKYPHYGGSSH  
WYFDVWGGQGTlvtvss

Figure 1D-cont.

SEQ ID NO: 92  
EVQLVQSGGGVVQPGGSLRLSCAASGYDESHFGINWIROAPGKGLEWVGWINITYGETTYAHDFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPPYYGRSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO: 93  
EVQLVQSGGGVVQPGGSLRLSCAASGYDESHFGINWVRQAPGKGPPEWVGWINITYGETTYVPEEKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPPYYGRSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO: 94  
EVQLVQSGGGVVQPGGSLRLSCAASGYDEFNSNYGLNWVRQAPGKGPPEWVGWINITYGEPTYAEEETRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPPYYGRSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO: 95  
EVQLVQSGGGVVQPGGSLRLSCAASGYDFTHYGLNWIRQAPGKGPPEWVGWINITYGETTYAHEETRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPPYYGRSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO: 96  
EVQLVQSGGGVVQPGGSLRLSCAASGYNFYHYGVNWVRQAPGKGPPEWVGWNNTYGETTYAQEETKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPPYYGRSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO: 97  
EVQLVQSGGGVVQPGGSLRLSCAASGYNSYGLNWVRQAPGKGPPEWVGWINITYGEPTYAQEETKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPPYYGRSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO: 98  
EVQLVQSGGGVVQPGGSLRLSCAASGYSFDHYGLNWVRQAPGKGLEWVGWINITYGEPTYADEETRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPPYYGRSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO: 99  
EVQLVQSGGGVVQPGGSLRLSCAASGYFTFTNYGMNWIRQAPGKGLEWVGWINITYGEPTYAADEFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPPYYGRSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO: 100  
EVQLVQSGGGVVQPGGSLRLSCAASGYFTFTNYGMNWIRQAPGKGLEWVGWINITYGEPTYAADEFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPPYYGRSH  
WYFDVWGGQGTLLTVVSS

SEQ ID NO: 101  
EVQLVQSGGGVVQPGGSLRLSCAASGYFTFTNYGMNWVRQAPGKGLEWVGWINITYGEPTYAADEFKRRVTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPPYYGRSH  
WYFDVWGGQGTLLTVVSS

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FIGURE 1D

Figure 1D-cont.

SEQ ID NO: 102  
EVQLVQSGGGVVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYGEPTYAADEFKRRRTESLDTSKSTAYLQMNSLRAEDTA  
WYFDVWGGQGTIVTVSS

SEQ ID NO: 103  
EVOLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYGEPTYAADEFKRRRTESLDTSKSTAYLQMNSLRAEDTA  
WYFDVWGGQGTIVTVSS

SEQ ID NO: 104  
EVOLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYGEPTYAADEFKRRRTESLDTSKSTAYLQMNSLRAEDTA  
WYFDVWGGQGTIVTVSS

SEQ ID NO: 105  
EVOLVESGGGLVQPGGSLRLSCAASGYDFTHEGLNWIRQAPGKGPEWVGWINITYGEPTYAQDEFKRRVTESLDTSKSTAYLQLN  
WYFDVWGGQGTIVTVSS

SEQ ID NO: 106  
EVQLVQSGGGVVQPGGSLRLSCAASGYDFTHEGLNWIRQAPGKGPEWVGWINITYGEPTYAPDETRRVTE  
WYFDVWGGQGTIVTVSS

SEQ ID NO: 107  
EVQLVQSGGGVVQPGGSLRLSCAASGYDFTHEGLNWIRQAPGKGPEWVGWINITYGETTYAPDE  
WYFDVWGGQGTIVTVSS

SEQ ID NO: 108  
EVQLVQSGGGVVQPGGSLRLSCAASGYDFTHEGLNWIRQAPGKGPEWVGWINITYGETTYA  
WYFDVWGGQGTIVTVSS

SEQ ID NO: 109  
EVQLVQSGGGVVQPGGSLRLSCAASGYDFTHEGLNWIRQAPGKGPEWVGWINITYGEPTYAPEEFKRRVTESLDTSKSTAYLQLN  
WYFDVWGGQGTIVTVSS

SEQ ID NO: 110  
EVQLVQSGGGVVQPGGSLRLSCAASGYDFTHEGLNWIRQAPGKGPEWVGWINITYGETTYA  
WYFDVWGGQGTIVTVSS

Figure 1D-cont.

SEQ ID NO: 283  
EIQLVQSGPELKQPGETVRISCKASGYTFTNYGMNWVKQAPGKGLKWMGWINTYTGEPTYAADEFKRRFTFSLTSASTAYLQISNLKNDDTATYFCAKYPHYGGSSH  
WYFDVWGAAGTTVTVSS

SEQ ID NO: 285  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYTGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAHSRHYGGSSH  
QYFDV WGGTTLTVVSS

SEQ ID NO: 286  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYTGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYGYGGSSH  
WYFDVWGAAGTTVTVSS

SEQ ID NO: 287  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYTGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPHYGGCH  
WYFDVWGAAGTTVTVSS

SEQ ID NO: 288  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYTGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPHYGGCH  
WYFDVWGAAGTTVTVSS

SEQ ID NO: 289  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYTGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPHYGGSSH  
WYFDVWGAAGTTVTVSS

SEQ ID NO: 290  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYTGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPHYGGYN  
QYFDVWGAAGTTVTVSS

SEQ ID NO: 291  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYTGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPHYGGSSH  
WYFDVWGAAGTTVTVSS

SEQ ID NO: 293  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYTGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPHYGRSQ  
WYLDVWGAAGTTVTVSS

REPLACEMENT SHEET

USSN 10/723,434

SHEET 8/14

FIGURE 1D

Figure 1D-cont.

SEQ ID NO: 294  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPHYYSRQCYFDVWGQQGTLTVVSS

SEQ ID NO: 295  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPHYYSSSH  
WYFDVWGQQGTLTVVSS

SEQ ID NO: 296  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPHYFGSSH  
WYFDVWGQQGTLTVVSS

SEQ ID NO: 297  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPHYHGSSH  
WYFDVWGQQGTLTVVSS

SEQ ID NO: 298  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPYYNSTSH  
WYFDVWGQQGTLTVVSS

SEQ ID NO: 299  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPYYSGTSH  
WYFDVWGQQGTLTVVSS

SEQ ID NO: 300  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPYYSGTSH  
WYFDVWGQQGTLTVVSS

SEQ ID NO: 301  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPYYYGRSH  
WYFDVWGQQGTLTVVSS

SEQ ID NO: 302  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPYYYGSSH  
WYFDVWGQQGTLTVVSS

SEQ ID NO: 303  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINITYGEPTYAADEFKRRFTFSLDSKSTAYLQMNSLRAEDTAVYYCAKYPYYYGSSH  
WYFDVWGQQGTLTVVSS

Figure 1D-cont.

SEQ ID NO: 304  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVVYCAKYPYYYGSSS  
WYFDVWQGQGTLLTVSS

SEQ ID NO: 305  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVVYCAKYPYYYGSSH  
WYFDVWQGQGTLLTVSS

SEQ ID NO: 306  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVVYCAKYRDFNGSSH  
WYFDVWQGQGTLLTVSS

SEQ ID NO: 307  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVVYCARARHYYGSSH  
WYFDVWQGQGTLLTVSS

SEQ ID NO: 308  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVVYCARARHYYGSSH  
CYFDLWGQGTLLTVSS

SEQ ID NO: 309  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVVYCARDSHYYGSSH  
QYFDLWGQGTLLTVSS

SEQ ID NO: 310  
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVVYCAKYPHYYGTSW  
WYFDVWQGQGTLLTVSS

Figure 1D-cont.

**Amino Acid Sequences of V<sub>H</sub>/CDR1 of Selected Anti-VEGF Antibodies**

SEQ	ID NO: 111	GFDDETNYGMN
SEQ	ID NO: 112	GYTETTNYGMN
SEQ	ID NO: 113	GYSLDHYGGMN
SEQ	ID NO: 114	GYALDHFGLN
SEQ	ID NO: 115	GYDEFNYGIN
SEQ	ID NO: 116	GYTETTNYGMN
SEQ	ID NO: 117	GYSFDHYGGLN
SEQ	ID NO: 118	GYDFSNYGLN
SEQ	ID NO: 119	GYDFSHFGIN
SEQ	ID NO: 120	GYDEAHYGVN
SEQ	ID NO: 121	GYDFDHFGIN
SEQ	ID NO: 122	GYDFNNYGMN
SEQ	ID NO: 123	GYDFASFGIN
SEQ	ID NO: 124	GFNFTHYGIN
SEQ	ID NO: 125	GYDEAHYGLN
SEQ	ID NO: 126	GYNFYHYGVN
SEQ	ID NO: 127	GYDFTHYGLN
SEQ	ID NO: 128	GYNFYSYGLN
SEQ	ID NO: 129	GYDFSHFGIN
SEQ	ID NO: 130	GYTFTHYGLN
SEQ	ID NO: 131	GYDFTHFGLN
SEQ	ID NO: 132	GYDLISHYGLN
SEQ	ID NO: 133	GYNFSHFGLN
SEQ	ID NO: 134	GYNFSHFGLN
SEQ	ID NO: 135	GYDETHFGLN

Figure 1D-cont.

**Amino Acid Sequences of V<sub>H</sub>/CDR2 of Selected Anti-VEGF Antibodies**

SEQ	ID NO: 136	WINTYTGEPTYAHEFTR
SEQ	ID NO: 137	WINTYTGEPTYAADFTR
SEQ	ID NO: 138	WINTYTGEPTYADEFTR
SEQ	ID NO: 139	WINTYTGEPTYAEEFTR
SEQ	ID NO: 140	WINTYTGETTYVPEFKR
SEQ	ID NO: 141	WINTYTGETTYAHDFKR
SEQ	ID NO: 142	WINTYTGEPTYVDEFKR
SEQ	ID NO: 143	WINTYNGEPTYAPDFKR
SEQ	ID NO: 144	WINTYTGESTYQAQDFKR
SEQ	ID NO: 145	WINTNNGEPTYAQDFKR
SEQ	ID NO: 146	WVNNTYTGESTYVPEFKR
SEQ	ID NO: 147	WVNNTYTGETTYAQEFKR
SEQ	ID NO: 148	WINTYTGETTYAHEFTR
SEQ	ID NO: 149	WINTYTGEPTYAQEFKR
SEQ	ID NO: 150	WINTYTGETTYAHDFKR
SEQ	ID NO: 151	WVNNTYTGETTYADEFKR
SEQ	ID NO: 152	WINTYTGEPTYAQDFKR
SEQ	ID NO: 153	WINTYTGEPTYAPDFTR
SEQ	ID NO: 154	WINTYNGETTYAPDFKR
SEQ	ID NO: 155	WINTYTGEPTYAPEFKR
SEQ	ID NO: 156	WVNNTYTGETTYAHEFKR

Figure 1D-cont.

**Amino Acid Sequences of V<sub>H</sub>/CDR3 of Selected Anti-VEGF Antibodies**

SEQ	ID NO: 311	CAHSRHYGGSSPQYFDV
SEQ	ID NO: 312	CAKYGYYYGGSSHWWYFDV
SEQ	ID NO: 313	CAKYPHYYGASHWWYFDV
SEQ	ID NO: 314	CAKYPHYYGGCHWWYFDV
SEQ	ID NO: 315	CAKYPHYYGGSSHWWYFDV
SEQ	ID NO: 316	CAKYPHYYGGYNQYFDV
SEQ	ID NO: 317	CAKYPHYYGRSSHWWYFDV
SEQ	ID NO: 318	CAKYPHYYGRSQWYLDV
SEQ	ID NO: 319	CAKYPHYYSSRTCQYFDV
SEQ	ID NO: 320	CAKYPHYYSSSSHWWYFDV
SEQ	ID NO: 321	CAKYPYFYGSSHWWYFDV
SEQ	ID NO: 322	CAKYPPYYHGSSHWWYFDV
SEQ	ID NO: 323	CAKYPPYYNGSSHWWYFDV
SEQ	ID NO: 324	CAKYPPYYNSTSSHWWYFDV
SEQ	ID NO: 325	CAKYPPYYSGTSSHWWYFDV
SEQ	ID NO: 326	CAKYPPYYSGTSSHWWYFDV
SEQ	ID NO: 327	CAKYPPYYGRSSHWWYFDV
SEQ	ID NO: 328	CAKYPPYYGGSSHWWYFDV
SEQ	ID NO: 329	CAKYPPYYGGSSSWYFDV
SEQ	ID NO: 330	CAKYPPYYYSTSSHWWYFDV
SEQ	ID NO: 331	CAKYRDFENGSSHWWYFDV
SEQ	ID NO: 332	CAKYSYYGGSSHWWYFDV
SEQ	ID NO: 333	CARARHYGGSSHCYFDL
SEQ	ID NO: 334	CARDSHYYGGSSHQYFDL
SEQ	ID NO: 335	CAKYPHYYGTSSHWWYFDV
SEQ	ID NO: 336	CAKYPHYYGGSSHWWYFDV
SEQ	ID NO: 337	CAKYPPYYGTSWWYFDV

Figure 1D-cont.

**Amino Acid Sequences of V<sub>H</sub>/FRs of Selected Anti-VEGF Antibodies**

SEQ ID NOS 157 and 402–404  
EVQLVQSGGGVVQPGGSLRLSCAAS/CDR1/WVRQAPGKGLEWVG/CDR2/RFTFSILDTSKSTAYLQMNSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 158, 402, 405 and 404  
EVQLVQSGGGVVQPGGSLRLSCAAS/CDR1/WVRQAPGKGLEWVG/CDR2/RFTFSILDTSKNTAYLQMNLSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 159, 406–407 and 404  
EVQLVQSGGGVVQPGGSLRLSCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RFTISLDNSKSTVYLQMNSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 160, 406, 408 and 404  
EVQLVQSGGGVVQPGGSLRLTCAVS/CDR1/WIRQAPGKGLEWVG/CDR2/RFTISRDTSKNQAYLQMNSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 161, 406, 409 and 404  
EVQLVQSGGGVVQPGGSLRLTCAAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RVTFSILDTSKSTAYLQLNLSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 162, 402, 410 and 404  
QVQLVQSGGGVVQPGGSLRLTCAAAS/CDR1/WVRQAPGKGLEWVG/CDR2/RFTISLDTSKSQAYLQMNSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 163, 402, 411 and 404  
EVQLVQSGGGVVQPGGTLRLTCAAAS/CDR1/WVRQAPGKGLEWVG/CDR2/RVTFSILDTSKSTAYLQMNSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 270, 406 and 412–413  
EVQLVESGGGVVQPGGSLRLSCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RFTISLDNSKSQAYLQMNSLRAEDTAVYYCA/CDR3/WAQGTLVTVSS

SEQ ID NOS 271, 406, 414 and 404  
EVQLVQSGGGLVQPGGTLRLSCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RVTFSILDTSKNTAYLQMNSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 272, 406, 409 and 404  
EVQLVQSGGGVVQPGGSLRLRCAAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RVTFSILDTSKSTAYLQLNLSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 273, 406, 405 and 404  
EVQLVQSGGGVVQPGGSLRLSCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RFTFSILDTSKNTAYLQLNLSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 274, 406, 409 and 404  
EVQLVQSGGGVVQPGGTLRLSCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RVTFSILDTSKSTAYLQLNLSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

Figure 1D-cont.

SEQ ID NOS 275, 406, 411 and 404  
EVQLVQSGGGVVQPGGTLRLTCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RVTFSLLTSKNTAYLQMNSSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 276, 402, 415 and 404  
EVQLVQSGGGVVQPGGTLRLTCAAS/CDR1/WVRQAPGKGLEWVG/CDR2/RVTISLLTSKNTAYLQMNSSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 277, 406, 416 and 404  
QVQLVESGGGLVQPGGSLRLTCAAS/CDR1/WIROAPGKGLEWVG/CDR2/RFTFSLLTSKSKAYLQLQNSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 278, 406, 417 and 404  
QVQLVQSGGGVVQPGGSLRLSCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RVTFSLLDNSKSTVYTLQMNSSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 279, 402, 418 and 404  
QVQLVQSGGGVVQPGGSLRLSCAAS/CDR1/WVRQAPGKGLEWVG/CDR2/RFTISLLTSKNTAYLQMNSSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 280, 406, 419 and 404  
QVQLVQSGGGVVQPGGSLRLTCAAS/CDR1/WIROAPGKGLEWVG/CDR2/RVTISLLTSKSQAYLQMNSSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 281, 406, 420 and 404  
QVQLVQSGGGVVQPGGSLRLTCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RVTISLLTSKNTAYLQMNSSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 282, 406, 414 and 404  
QVQLVQSGGGVVQPGGTLRLTCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RFTFSLLTSKNTAYLQMNSSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS